

## EAST Search History

S18	749	S17 and @ad<"20020116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/13 14:32
S19	90	S18 and ((spiral jelly) adj roll)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:32
S46	2242	429/82,84,72,73,63,127,130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:42
S47	187	S46 and case and cap and terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:56
S48	84	S47 and @ad<"20020116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:50
S49	745	S46 and @ad<"20020116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:57
S50	661	S49 not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:50
S51	2183	"429"/\$.ccls. and case and cap and terminal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:56
S52	1158	S51 and @ad<"20020116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:57
S53	275	S52 and ((spiral jelly))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/04 16:57

## EAST Search History

S54	2	"6670071".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 11:27
S55	1	S54 and (insulated insulation insulate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 11:28
S56	2	S54 and (electrode adj strip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:50
S57	6	((porous porosity) near4 (permeating permeable) near4 (nafion sulphonic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:56
S58	105	((porous porosity) near4 (membrane separator) near4 (nafion sulphonic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:56
S59	50	S58 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:56
S60	34	S59 and @ad<"20040529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:01
S61	84	yuan.xa. and fuel adj cell	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:59
S62	0	S61 and (pennsylvania.as.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:59
S63	1	S61 and (penn\$.as.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 15:59

## EAST Search History

S64	54	membrane with impregnated with nafion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:01
S65	44	S64 and @ad<"20040529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:17
S66	37	S65 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:49
S67	143	porous adj2 composite adj2 membrane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:16
S68	128	S67 and @ad<"20040529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:17
S69	15	S68 and (fuel adj cell)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:21
S70	2	"20030059657" and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:21

## EAST Search History

S71	8671853	"6,190,803" "6,225,007" "6,225,007" B1 "6,228,536" "6,242,129" B1 "6,245,452" B1 "6,265,099" B1 2001/0031398 A1 2001/0033972 A1 "6,319,627" B1 2001/0044047 A1 2002/0004161 A1 "6,348,282" B1 2002-0076605 A1 "6,410,187" B1 "6,410,180" B1 "6,458,490" B1 2002/0146626 A1 2002/0187399 A1 "6,503,646" B1 "6,503,657" B1 "6,506,514" B1 2003/0089889 A1 2003/0104282 A1 "6,576,365" B1 2003/0113628 A1 2003/0134191 A1 2003/138697 A1 2003/0198868 A1 "6,641,953" B2 6,667-132 B2 2004/029005 A1 2004/0048148 A1 2004/0053116 A1 2004/0053115 A1 2004/0053119 A1 2004/0053118 A1 2004/0049908 A1 2004/0055146 A1 2004/0058236 A1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:52
S72	2146115	"6,190,803" "6,225,007" "6,225,007" B1 "6,228,536" "6,242,129" "6,245,452" "6,265,099" 2001/0031398 2001/0033972 "6,319,627" 2001/0044047 2002/0004161 "6,348,282" 2002-0076605 "6,410,187" "6,410,180" "6,458,490" 2002/0146626 2002/0187399 "6,503,646" "6,503,657" "6,506,514" 2003/0089889 2003/0104282 "6,576,365" 2003/0113628 2003/0134191 2003/138697 2003/0198868 "6,641,953" 6,667-132 2004/029005 2004/0048148 2004/0053116 2004/0053115 2004/0053119 2004/0053118 2004/0049908 2004/0055146 2004/0058236	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:53
S73	2	"6641953".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:54
S74	2	"6458490".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 16:55
S75	2	"20030104282"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:31

## EAST Search History

S76	37454	lithium adj2 battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:31
S77	555	S76 and ((spiral jelly) adj roll)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 09:47
S78	22621411	S77 abd @ad<"20020613"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:33
S79	262	S77 and @ad<"20020613"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/27 17:34
S80	37454	lithium adj2 battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:51
S81	555	S80 and ((spiral jelly) adj roll)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 09:47
S82	108	S81 and (reinforcing reinforcement sheath tube)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 09:48
S83	48	S82 and @AD<"20020613"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 09:59
S84	37462	pin same spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:50
S85	43	S80 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 09:59

## EAST Search History

S86	20	S85 and @AD<"20020613"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:51
S87	23032	core same spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:39
S88	74	S80 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:39
S89	39	S88 and @AD<"20020613"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:47
S90	21	"6670071"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:47
S91	2	"6670071".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 10:47
S92	75842	pin and spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:50
S93	37454	lithium adj2 battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:51
S94	280	S92 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 12:51
S95	119	S94 and @AD<"20020613"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:31

## EAST Search History

S96	47	ptir adj alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:31
S97	22	S96 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:42
S98	26	S95 and titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:44
S99	0	(aluminum with titanium) same (corrosion adj resistance) same weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:45
S10 0	689	(aluminum with titanium) same (corrosion adj resistance) same weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:45
S10 1	9	S100 and battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:46
S10 2	6	S100 and "429"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/28 14:46